

X-RAY FLUORESCENCE SULPHUR DETCTOR

3330S



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Application:

Petrochemical engineering, crude oil exploration and refining, liquid elements analysis, refined oil, refinery product line monitoring

►► Performance advantages:

- Small and exquisite appearance, simple and integrated design equipped with integrated computer, can be used in both vehicles and laboratories, easy to use
- Vacuum system with no need to fill with helium, reducing test costs.
- Ultra-short test distance, improving the precision of tested samples
- Down-lighting design, avoiding light tube and beryllium window being contaminated by sample volatilization; capable of measuring light oil such as gasoline and diesel, and improving measurement precision
- High excitation efficiency side-window, high-power X-ray tube, most advanced SDD detector, and good heat dissipation ensure the high efficiency and stability of the test
- Automatic calibration after power on, ensuring consistent test precision.
- Intelligent SULPHUR measuring and analysing software, one-click operation, intelligent algorithm equipped for detecting low-content SULPHUR, high-content SULPHUR and different oil no need to manually select curves, reducing test error resulted from manual curve selection.
- X-ray shielded design for safe operation

►► Technical parameters:

Analyzed Element: S, Cl

Analysis range: 1ppm - 20%

Limit of Detection: 1ppm

Functional: Special for petroleum element analysis

Integrated PC: 10" industrial tablet PC

Analytical Precision: 10ppm, the precision can be controlled to <10%

Measuring time: 200-600S

Measuring Objects: Liquid, solid, Powder

Working voltage: AC110V/220V

Working temperature: 10-35°C

Dimension: L/W/H<400mm, volume: 0.06m³ (Can be mounted on vehicle)

Weight: <30 kg

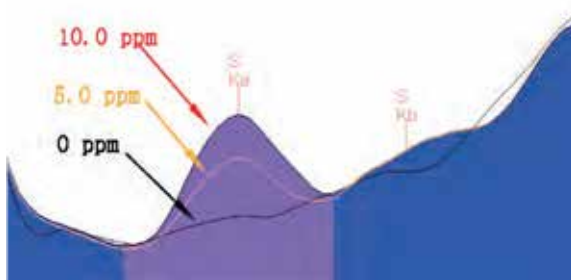
►► Performance advantages:

Vacuum pump
 Vacuumized and sealed sampler chamber
 Most advanced SSD Detector
 Signal-detecting electronic circuit
 high and low voltage power supply
 Open sample platform
 Intelligent sulphur measuring software X-ray tube
 10" industrial integrated computer
 sealed film- pressing sample cup

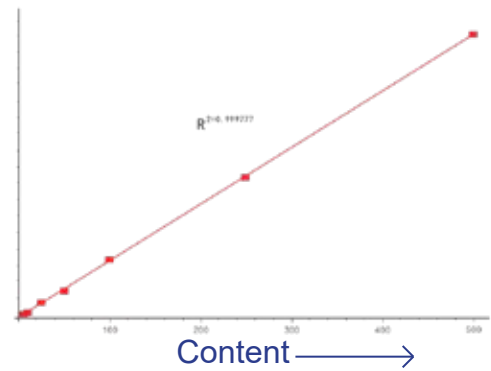
►► Testing results:

Repeatability Data			
Actual content/No.	0.0 ppm	5.0 ppm	10.0 ppm
1	0.7	5.2	9.8
2	0.0	4.8	9.4
3	0.9	5.5	9.3
4	0.0	4.6	9.0
5	0.0	5.0	10.7
6	1.5	4.5	9.9
7	0.0	5.6	10.4
8	0.0	5.4	10.1
9	1.0	6.3	10.2
10	0.0	4.9	10.3
11	0.0	6.1	10.5
Standard deviation	0.56	0.60	0.52

Testing results indicate that the stability of light oil is excellent and the results are precise. China 4 Standard can be fully complied with.



Linear graph



HPLC Servicing, Validation, Trainings and Preventive Maintenance :

HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

Trainings :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

Validations :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

Instruments :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. Analytical Technologies Limited is an ISO:9001 Certified Company engaged in Designing, Manufacturing, Marketing & providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers. Distributors & Channel partners worldwide.

Our Products & Technologies



UV/VIS
Spectro 2080+
Double Beam



Infra FTIR



Optima Gas
Chromatograph
3007



Optima Gas
Chromatograph
2979 Plus



Flash
Chromatograph



Atomic Absorption
Spectrophotometer



Liquid Particle
Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



HEMA 2062
Hematology
Analyzer



Micro Plate
Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
Carbon 3800



Fully Automated
CLIA



NOVA-2100
Chemistry Analyzer



PCR/Gradient PCR/
RTPCR



TOC
Analyzer



Laser Particle
Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
Foundation

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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